

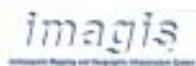
INDIANAMAP VIEWING APPLICATION

(VERSION 1.0 – July 2006)

Based on the 2005



*It's One Map for Indiana
It's Statewide, It's Regional, It's Local
It's Yours!*



Developed for the Indiana Department of
Homeland Security by:



Dewberry

Introduction

The IndianaMap Viewing Application DVD contains map-data and software for viewing and creating custom maps of your community. The IndianaMap is a high-quality base map being built cooperatively by local, state, and federal government, universities and businesses. The creation of the IndianaMap is “in progress.” When complete, government, policy makers, and the public will have a consistent foundation for decision-making.

When you first view the data from this DVD, a group of base map layers are automatically displayed over the orthophotography. Many other map layers are included that can be “turned on or off”. The map-data on this DVD is a sampling of the types of geographic information important to Indiana’s past, present and future. You are invited you to explore your community through these maps. With the AccuGlobe viewing software, you can view and print the maps. Advanced users can analyze the maps to answer questions, and even add more and/or better map-data that is available.

▼ Agriculture

| Map Layer Name | Directory\File |
|----------------------------------|---|
| Ag-Census of Agriculture (1997) | Farming\AgCensus1997_USDA_IN.shp |
| Ag-Census of Agriculture (2002) | Farming\AgCensus2002_NASS_IN.shp |
| Ag-Land Use Stratification(2004) | Farming\LandUseStrata2004_NASS_IN.shp |
| Ag-Soils, Percent Prime Farmland | Farming\SOILS_Prmfarm_Hydric_STATSGO_IN.shp |

▼ Biology

| Map Layer Name | Directory\File |
|------------------------------------|---------------------------------|
| Biology-Ecoregions | Biota\Ecoregions_USGS_IN.shp |
| Biology-Zebra Mussel Distributions | Biota\ZebraMussel05_USGS_IN.shp |

▼ Boundaries

| Map Layer Name | Directory\File |
|---|---|
| Boundaries-109th Congressional Districts | Boundaries\Congress_Districts_109th_USCB_IN.shp |
| Boundaries -Indiana House Districts | Boundaries\Indiana_House_114GA_IED.shp |
| Boundaries -Indiana Senate Districts | Boundaries\Indiana_Senate_114GA_IED.shp |
| Boundaries -Voting Precincts | boundaries\VotingDistricts_TIGER05_IN.shp |
| Boundaries -Federally Managed Land | PlanningCadastre\fedland_ESRI_IN.shp |
| Boundaries-Patoka River Nat'l Wildlife Refuge | Boundaries\Patoka_River_NWR_USFWS_IN.shp |
| Boundaries-County Names | boundaries\Landsurvey_County_Poly_IN.shp |
| Boundaries-Cities and Towns | boundaries\CitiesTowns_TIGER05_IN.shp |
| Boundaries-State Boundary | boundaries\Landsurvey_State_Line_IN.shp |
| Boundaries-Townships | boundaries\CivilTownships_TIGER05_IN.shp |
| Boundaries-County Lines | Boundaries\Landsurvey_County_Line_IN.shp |

▼ Climate

| Map Layer Name | Directory\File |
|--|--|
| Climate-Average Annual Precipitation 1961-90 | climatologyMeteorologyAtmoshpere\AnnuPrecip_OSU_IN.shp |
| Climate-Tornado Touchdowns 1950-2004 | climatologyMeteorologyAtmoshpere\TornadoPnts1950-2004_NWS_IN.shp |

Elevation

| Map Layer Name | Directory\File |
|---|---|
| Elevation-Contours (North Half Indiana) | elevation\Contours_24K_USGS_North_Half_IN.shp |
| Elevation-Contours (South Half Indiana) | elevation\Contours_24K_USGS_South_Half_IN.shp |

▼ Environment

| Map Layer Name | Directory\File |
|-------------------------------------|--|
| Environment-Brownfields | economy\Brownfields_IDEM_IN.shp |
| Environment-Industrial Waste (2002) | environment\Waste_Industrial_IDEM_IN.shp |

▼ Geology

| Map Layer Name | Directory\File |
|-----------------------------------|---|
| Geology-Bedrock Geology | geoscientificInformation\Bedrock_Geol_IGS_IN.shp |
| Geology-Earthquake Epicenters | geoscientificInformation\earthquake_epicenters_IGS_IN.shp |
| Geology-Karst Areas | geoscientificInformation\OLQ_karst_limits_IGS_IN |
| Geology-Surficial Geology | geoscientificInformation\surficial_geol_mm49_IGS_IN.shp |
| Geology-Topographic Land Features | geoscientificInformation\natural_features_USGS_IN |

▼ History

| Map Layer Name | Directory\File |
|-----------------------------------|--|
| History-Historic Canal Routes | inlandWaters\canals_historic_routes_in.shp |
| History-Historic Canal Structures | inlandWaters\canals_historic_structures_in.shp |

Location & Map Reference

| Map Layer Name | Directory\File |
|--|---|
| Location-Places (points) | location\places_points_usgs_in.shp |
| Location-County Seats | location\CountySeats_NtlAtl_IN.shp |
| Location-Landsurvey Sections Grid | boundaries\Landsurvey_Sections_Poly_IN.shp |
| Location-Landsurvey Townships Grid | boundaries\Landsurvey_Townships_Poly_IN.shp |
| Location-Ortho Tile Grid (State Plane East) | imageryBaseMapsEarthCover\Ortho05-IndexTilesSPE_IGIC_IN.shp |
| Location-Ortho Tile Grid (State Plane West) | imageryBaseMapsEarthCover\Ortho05-IndexTilesSPW_IGIC_IN.shp |
| Location-Time Zones | boundaries\Time_Zones_IGS_IN.shp |
| Location-USGS Topographic Map grid 1:250,000 | boundaries\quadrangles_250k_usgs_in.shp |
| Location-USGS Topographic Map Grid 1:100,000 | boundaries\quadrangles_100k_usgs_in.shp |
| Location-USGS Topographic Map Grid 1:24,000 | boundaries\quadrangles_24k_usgs_in.shp |
| Location-USGS DOQQ Map Grid 1:12,000 | boundaries\quadrangles_doqq_usgs_in.shp |

Orthophotography

| Map Layer Name | Directory\File |
|--|--|
| Township Mosaics filenames in either the State Plane East (SPE) or State Plane West (SPW) coordinate system. | Orthophotography\Ortho05_TwpSidSP[E/W]_IN\CountyName_TwpName.sid |

People

| Map Layer Name | Directory\File |
|--|---|
| People-Cemeteries | structure\cemeteries_usgs_bla_IN.shp |
| People-Churches | structure\churches_usgs_bla_in.shp |
| People-Hospitals | health\Hospitals_ISDH_IN.shp |
| People-Corrections Facilities | structure\Corrections_State_IN.shp |
| People-Demographics (Census Block Groups 2000) | society\Census_Blockgroups_TIGER00_IN.shp |
| People-Labor Force | society\Labor02_NtlAtlas_IN.shp |
| People-% Owner Occupied Housing | society\Census_Blockgroups_TIGER00_IN.shp |
| People-Population (2001) | society\PopByZip_Census_IN.shp |
| People-Population Estimates (2005) | society\PopEst01-05_IBRC_IN.shp |
| People-Population Change (2001-05) | society\PopEst01-05_IBRC_IN.shp |
| People-Schools | structure\schools_isdh_idoe_050317_IN.shp |
| People-School Districts | society\School_Districts_Census_IN.shp |

▼ Recreation

| Map Layer Name | Directory\File |
|-------------------------------|---|
| Recreation-Parks | location\Parks_IDNR_IN.shp |
| Recreation-Places of Interest | location\RecFacilities_DNR_IN.shp |
| Recreation-Public Trails | transportation\trails_idnr_in.shp |
| Recreation-Rail Trails | transportation\RailTrails_IDNR_IN.shp |
| Recreation-Scenic Byway Roads | transportation\Roads_Scenic_Byways_BLA_IN.shp |

▼ Transportation

| Map Layer Name | Directory\File |
|--|--|
| Transportation-Public Airports | transportation\Airports_Public_INDOT_IN.shp |
| Transportation-Railroad Line | transportation\railroad_2m_ntad_in.shp |
| Transportation-Major Highways | Transportation\MajorHwy_ESRI_IN.shp |
| Transportation-Interstates | transportation\Interstates_TIGER05_IN.shp |
| Transportation-US and State Highways | transportation\USHighways_TIGER05_IN.shp |
| Transportation-State and County Highways | transportation\StateCountyHwy_TIGER05_IN.shp |
| Transportation-Roads | transportation\Roads_TIGER05_IN.shp |

▼ Water

| Map Layer Name | Directory\File |
|-----------------------|--|
| Water-Lakes and Ponds | inlandWaters\hydrography_poly_nhd_in.shp |
| Water-Major Rivers | inlandWaters\majorrivers83_Purdue_IN.shp |
| Water-Rivers | inlandWaters\Hydrography_Line_NHD_IN.shp |

FREQUENTLY ASKED QUESTIONS:

What is a good set of base map layers to display?

You can turn on/off and save any combination of layers you like. Please note that the visibility of some layers depends on your current view scale (see the AccuGlobe HELP file to learn how to control these and other settings). We install the application with the following layers turned on:

- Boundaries-County Names
- Location-County Seats
- Transportation-Major Highways
- Transportation-Interstates

Transportation-US and State Highways
Transportation-State and County Highways
Transportation-Roads
Water-Lakes and Ponds
Water-Major Rivers
Water-Rivers
Boundaries-Cities and Towns
Boundaries-State Boundary
Boundaries-Townships
Boundaries-County Lines
Orthophotography-Township Mosaics

Why don't the map layers "line up"?

The map layers don't always line up because they were created by different organizations using different sources and are of different quality. The map layers on this DVD are the "best available" but in many cases the maps need to be improved.

The goal of the IndianaMap is to create "One Map for Indiana" as a single high-quality base map for all people and organizations. With a common base map, the other map layers will "line up" in the future. A consistent high-quality base map will enable better decision-making. It will save lives by better supporting emergency response. And it will save tax payer dollars by building it once and using it many times.

How do I get more information?

Each map layer contained on this DVD comes with detailed documentation in standardized format defined by the Federal Geographic Data Committee. That documentation is called "metadata". You can find the metadata in the ..\Documentation\Metadata\ folder.

The IndianaMap Viewer was produced for every county in Indiana. If you need information about another Hoosier community, you can request the IndianaMap View for that county through your public library circulation desk.

For more information about the IndianaMap, visit www.indianamap.org. The IndianaMap is an initiative of the Indiana Geographic Information Council, www.igic.org. Links to more data can be found on the IGIC web site.

*Distribution of the IndianaMap Viewing Application is made possible through a grant from the AT&T Foundation.

**AccuGlobe™ Mapping software released under special agreement with DDTI, Inc. (www.ddti.net).